

Fig. 1

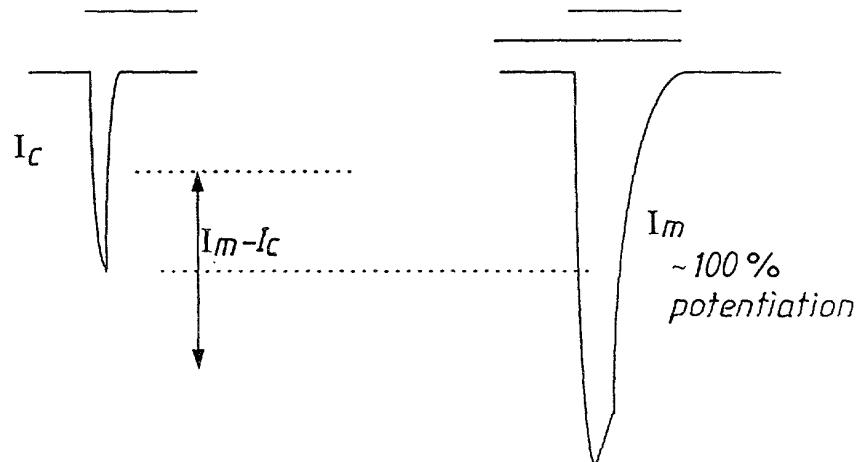
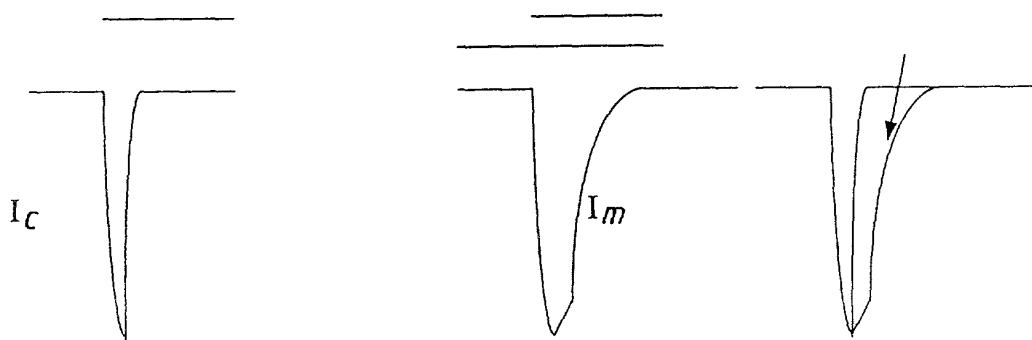
ACh Modulator

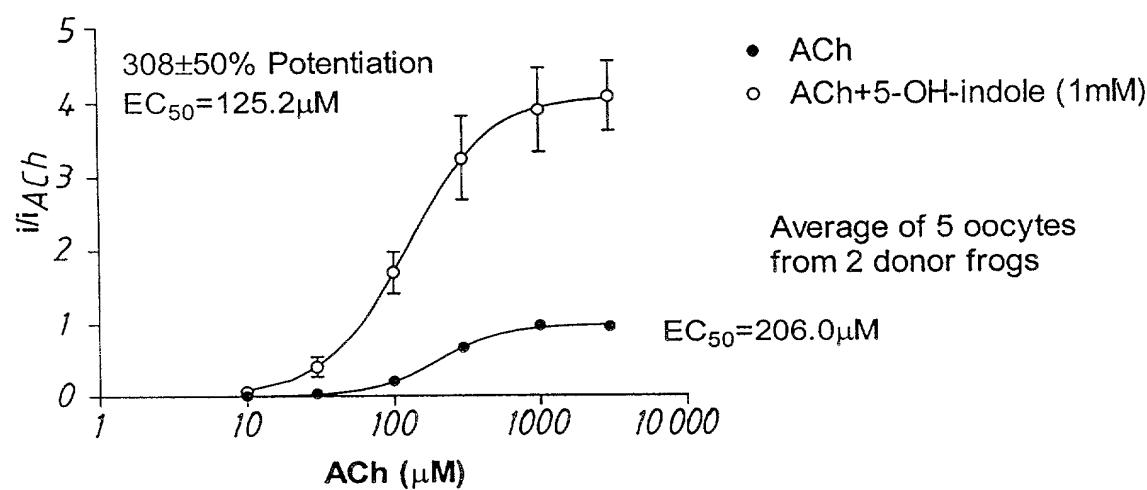
Fig. 2

ACh Modulator

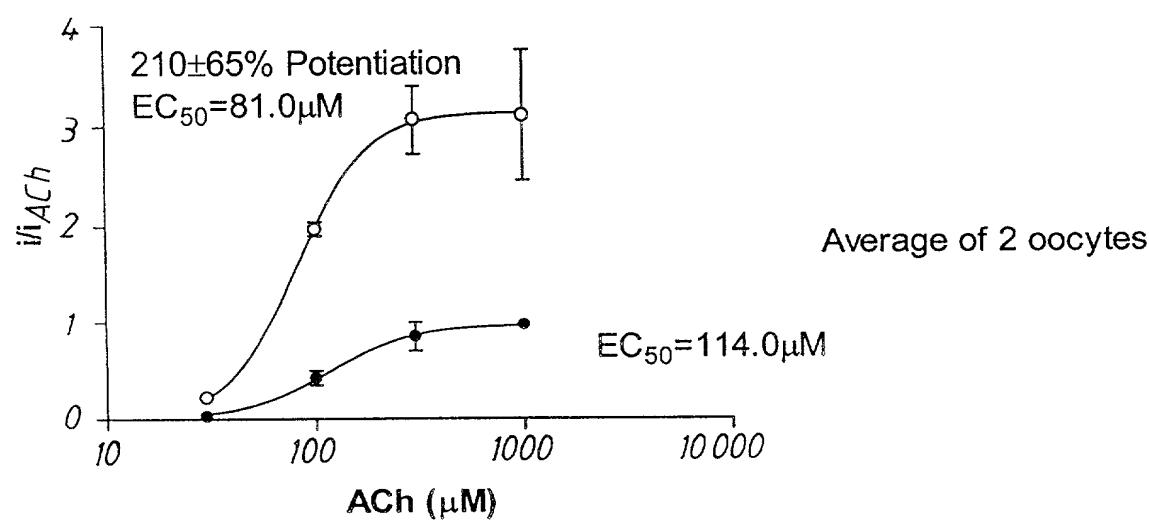


Agonist Dose-Response Curves in the Presence and Absence of 5-OH-indole

Mouse *nAChRα7*



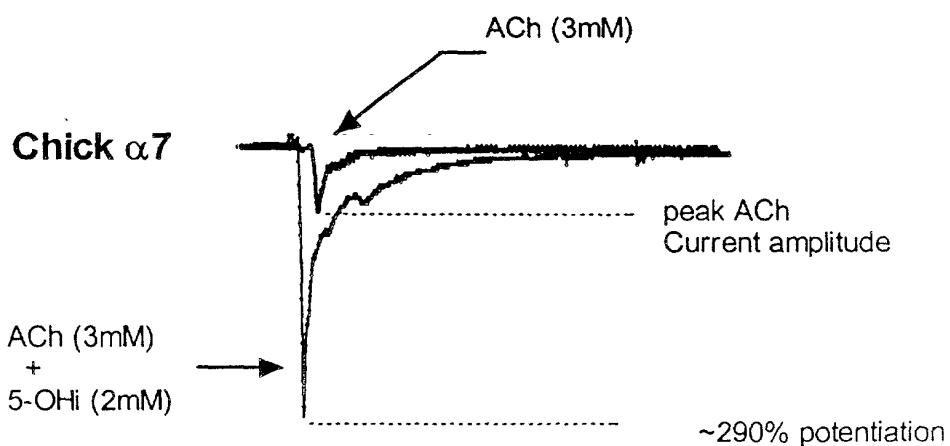
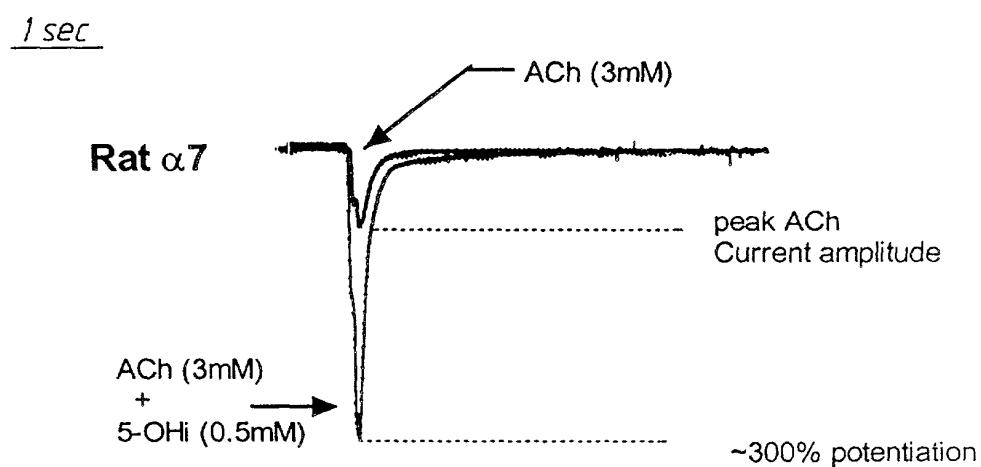
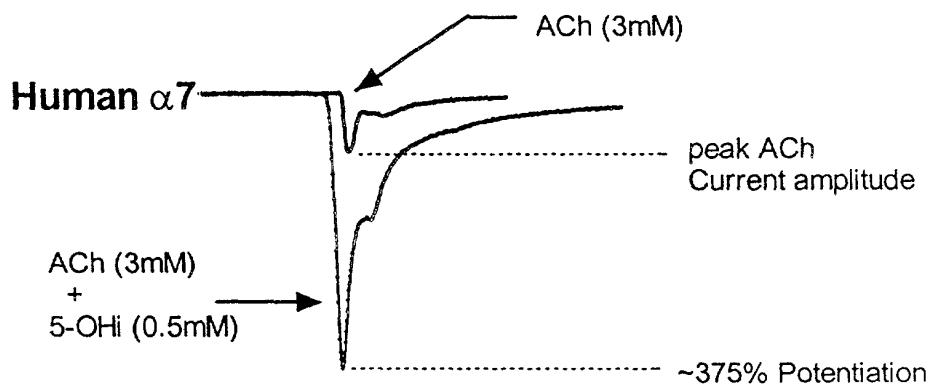
Human *nAChRα7*



i_{ACh}=extrapolated max of ACh curve

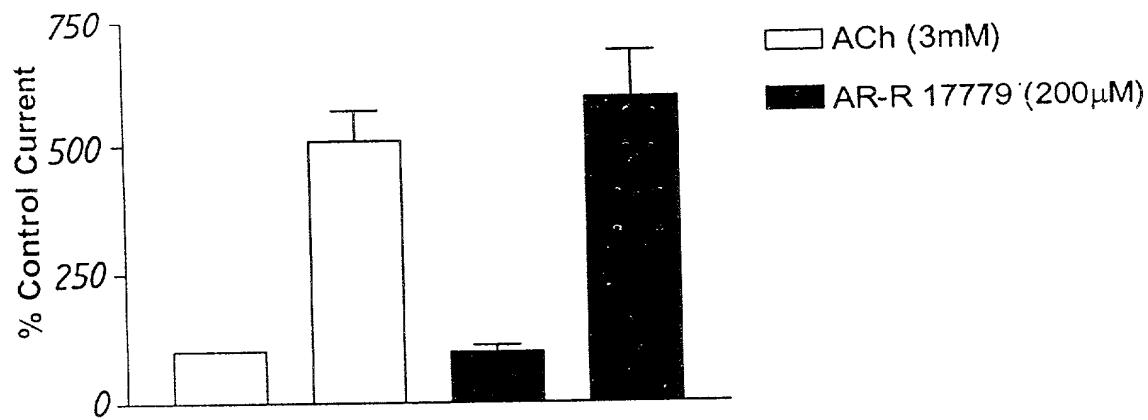


**Modulation by 5-OH-indole:
Similar Activity on nAChR $\alpha 7$ from Human, Rat and
Chick Expressed in Oocytes**

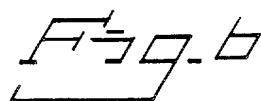




Effect of 5-OH-indole on ACh and AR-R 17779-gated Current



All responses normalized to current amplitude elicited by 3mM ACh



Calcium Influx in $\alpha 7$ -HEK293

